# COMBINED DE RATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
19603/461 (CRF D-1595A)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION REACTION WITH ADDRESSABLE ARRAYS

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#### COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF TORNEY (Continue)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

power OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/o agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603 Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (716) 263-1304

<u> </u>	Rochester, New York 14603			16) 263-1304
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
1 -	POST OFFICE	P.O. ADDRESS	CITY	STATE & ZIP CODE/CTRY
	ADDRESS	450 E. 63rd Street Apt. #12C	New York	New York 10021/USA
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME
2 0 3	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA
U,	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
<u></u>	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP Sweden
STATE OF THE PARTY	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA
IJ	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
205	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME	SECOND GIVEN NAME
2 0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE April 17, 1997	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE April 17,1997

# COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

As a below named inventor, I hereby declare that:

Simon Street

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE

DETECTION REACTION WITH ADDRESSABLE ARRAYS

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the specification o	f which	check on	ly one	ite	m below):				·
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[X] was filed a Serial No. on	08/7	ed States a 94,851 uary 4, 199		ion	-				
and was ame	nded						(	if applical	ole).
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I hereby state that specifications, inc	I have luding	reviewed a	and und , as am	ers end	tand the con ed by any am	tents c	of the	e above-ide erred to ab	entified pove.
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PRIOR FOREIGN/PCT A	PPLICAT	TION(S) AND	ANY PR	IOR	ITY CLAIMS U	NDER 35	U.S	.C. 119:	
COUNTRY (IF PCT, indicate '		APPLICATION			DATE OF FI (day, month,	LING		PRIORITY C	
UNITED STATES		60/01:	1,359		9 FEB 19	96		[X] YES [	] NO
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I hereby claim the application(s) or PAmerica that is/are of this application provided by the fir duty to disclose mass 1.56(a) which occurational or PCT Interest of the applications of the provided by the first duty to disclose mass are provided by the first duty to disclose mass are provided by the	CT interior in the control of the co	ernational d below and disclosed agraph of T informatio	applica , insof in tha itle 35 n as de filing	tio ar t/t , U fin	n(s) designa as the subje hose prior a nited States ed in Title	ting the ct matter policate Code, 37, Code	e Un er o ion( § 11 le of	ited States f each of t s) in the n 2, I acknow Federal Re	s of the claims manner vledge the equlations,
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#### COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603

بالمالية الشحابة

Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (716) 263-1304

<u> </u>	Rochester	, New York 14603	(7:	L6) 263-1304
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street	CITY	STATE & ZIP CODE/CTRY
		Apt. #12C	New York	New York 10021/USA
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
2 0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
2 0	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA
	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
2 0 = 4	RESIDENCE & CITIZENSHIP	CITY <del>Minneapolis</del> Lund	STATE/FOREIGN COUNTRY <del>Minnesota</del> Sweden	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS	P.O. ADDRESS Stores tong ic 401 South 1st Street, Apt. 1404	CITY <del>Minneapolis</del> Lund	STATE & ZIP CODE/CTRY  Minnesota 55401/USA 5-222 21 Lund . Sweden
	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
2 0 5	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE May 6, 01997	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE May 20, 1997	DATE	DATE

# COMBINED CLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
19603/461 (CRF D-1595A)

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DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE

DETECTION REACTION WITH ADDRESSABLE APPARE

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ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/c agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603

Direct Telephone Calls to: (name and telephone number Michael L. Goldman (716) 263-1304

<del> </del>	Rochescer	, New York 14603	(7	16) 263-1304	
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME	
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street	CITY	STATE & ZIP CODE/CTRY	
ļ		Apt. #12C	New York	New York 10021/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME	
2 0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIF USA	
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME	
2 0 3	RESIDENCE & CITY		STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIF	
			CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA	
?? •	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME	
2 0 4	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHII	
	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME	
2 0 5	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIE Netherlands	
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME	
2 0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHI	
	POST OFFICE P.O. ADDRESS ADDRESS 420 E. 70th Street Apt. 5J		CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF INVENTOR 205	SIGNATURE OF INVENTOR 200
DATE	DATE	DATE Spril 25, 1997
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 201

# COMBINED DECLATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
19603/461 (CRF D-1595A)

Page 1 of 2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE

DETECTION REACTION WITH ADDRESSABLE APPARE

DETECTION	ON REACTION WITH	ADDRESSABI	LE ARRAYS	S USING	IRE LIGASE				
the specification of	f which (check or	nly one ite	em below):						
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E acknowledge the du this application in	ity to disclose i accordance with	nformation Title 37,	n which is m Code of Fed	aterial t eral Regu	to the examina lations, § 1.	tion of 56(a).			
application(s) designed and have also identificate or any finan the United State date before that of	hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:								
PRIOR FOREIGN/PCT AF	PLICATION(S) AND	ANY PRIOR	RITY CLAIMS	UNDER 35	U.S.C. 119:				
COUNTRY LIF PCT, indicate "F	PCT") APPLICATI		DATE OF F. (day, month,	ILING	PRIORITY UNDER 35				
UNITED STATES	60/01	1,359	9 FEB 19	996	[X] YES	[ ] NO			
					[ ] YES				
America that is/are of this application provided by the firs duty to disclose mat § 1.56(a) which occunational or PCT Inte	I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:								
PRIOR U.S. APPLICATI UNDER 35 U.S.C. 120:	ONS OR PCT INTER	A LANOITAN	PPLICATIONS	DESIGNAT	ING THE U.S.	FOR BENEFIT			
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### COMBINED DECLARATION R PATENT APPLICATION AND POWER OF AT RNEY (Continue)

TORNEY'S DOCKET NUMBER 603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603

Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (716) 263-1304

H	Kocnester	, New York 14603		16) 263-1304	
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME	
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street	CITY	STATE & ZIP CODE/CTRY	
		Apt. #12C	New York	New York 10021/USA	
2	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME	
0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP USA	
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N 0 5	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIP Netherlands	
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	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME	
2 0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP	
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge section 1001 of Title 18 of the United States Code, and that such willful false statement, or both, under validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF PAVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE 21 April 1997	DATE